

# Questions for discussion

Episode 6 15<sup>th</sup> March 2016

# **Tennis Doping**

- 1. What did Maria Sharapova announce recently?
- 2. What is the job of the World Anti-Doping Association?
- 3. All the substances on the banned list are illegal. True or false?
- 4. What sorts of things can be on the banned substance list?
- 5. What reason did Sharapova give for taking the banned substance Meldonium?
- 6. What are performance enhancing drugs?
- 7. How do they work?
- 8. When was the substance Sharapova took, put on the banned list?
- 9. How many years could Sharapova be banned for?
- 10. Do you think Maria Sharapova should be punished for her positive drug test? Explain your answer.

Vote in the Behind the News online poll.

Do the quiz on the BtN website.

# Plastic Packaging

- 1. Discuss the main issues raised in the *Plastic Packaging* story.
- 2. How much rubbish does the average Aussie throw away in one year?
  - a. 100 kg
  - b. 200 kg
  - c. 300 kg
- 3. Describe the photo from the US that people were outraged about.
- 4. How did the company respond?
- 5. What is 'nude food'?
- 6. What are the benefits of `nude food'?
- 7. Describe what the kids in the BtN story are doing to reduce the amount of food packaging they take to school.
- 8. What are the benefits of reducing the amount of food packaging we use?
- 9. Name three things you learnt watching the BtN story.
- 10. How can you make a difference? Working in pairs, come up with some ways you can avoid or reduce the amount of food packaging you use?

Check out the Plastic Packaging resource on the Teachers page

# Space Effects

1. What was the main point of the Space Effects story?



- 2. How long was Scott Kelly in space?
- 3. Where did he live while he was in space?
- 4. What interesting things did Scott take into space?
- 5. What did he like about being back on Earth?
- 6. Describe the NASA research project that he was part of.
- 7. How much taller was Scott when he returned from space? Why was he taller?
- 8. Why do astronauts lose bone and muscle mass in space?
- 9. What do they do to strengthen bones and muscles while they are in space?
- 10. Would you like to spend a year in space? Why or why not?

Check out the Space Effects resource on the Teachers page

# **Ugly Animals**

- 1. Before you watch this story, make some predictions about what you think it will be about.
- 2. What has a new study found about some Australian animals?
- 3. What sorts of animals do people tend to care about?
- 4. Give some examples of the 'ugly' animals talked about in the BtN story.
- 5. Researchers say that `ugly' mammals in Australia make up \_\_\_\_\_% of all our native mammals.
- 6. Why is it important to protect `ugly' mammals? What role to they play?
- 7. How can citizen scientists help save 'ugly' mammals?
- 8. What can be done to make people care about what happens to 'ugly' mammals?
- 9. Illustrate an aspect of this story.
- 10. How has your thinking changed since watching the BtN story?

Write a message about the story and post it in the comments section on the story page.

## Kid Racer

- 1. Briefly summarise the BtN Kid Racer story.
- 2. How old is Ardie?
- 3. Describe the sport of Speedway car racing.
- 4. Who helped Ardie build his car?
- 5. How did Ardie get into car racing?
- 6. Why is it important to check the tyre pressure?
- 7. What happened in the final of Ardie's race?
- 8. Next year, Ardie will be racing a \_\_\_\_ cylinder car.
- 9. What character traits do you think are important for a racing car driver to have?
- 10. What was surprising about this story?

Write a message about the story and post it in the comments section on the story page





# **Teacher Resource**

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# Plastic Packaging



# **FOCUS QUESTIONS**

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- Describe the photo from the US that people were outraged about.
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- 8. What are the benefits of reducing the amount of food packaging we use?
- 9. Name three things you learnt watching the BtN story.
- 10. How can you make a difference? Working in pairs, come up with some ways you can avoid or reduce the amount of food packaging you use?



# **ACTIVITY**

## **Brainstorm**

Discuss the BtN *Plastic Packaging* story as a class. What were the main issues raised in the story? Hold a class brainstorm to clarify students' understanding of the issues. Here are some questions to help focus the brainstorm:

- What are all the different types of packaging?
- Why do we have packaging?
- · What are the benefits of packaging?
- What impact does packaging have on the environment?
- How can the amount of packaging be reduced?

Record students' responses on a concept/mind map with packaging at the centre. The concept map can be added to as the students complete the activities.



# **KEY LEARNING**

Students will investigate how much food packaging they throw out and find ways to reduce their waste and impact on the environment.



## AUSTRALIAN CURRICULUM

#### Science - Year 4

Natural and processed materials have a range of physical properties; These properties can influence their use (ACSSU074)

Science knowledge helps people to understand the effect of their actions (ACSHE062)

#### Science - Year 5 & 6

Scientific knowledge is used to solve problems and inform personal and community decisions (ACSHE083) (ACSHE100)

#### HASS - Year 4

Reflect on learning to propose actions in response to an issue or challenge and consider possible effects of proposed actions (ACHASSI081)

## Geography - Year 4

The use and management of natural <u>resources</u> and waste, and the different views on how to do this sustainably (ACHASSK090)







# **Glossary**

Develop a glossary of words and terms that relate to the packaging of food. Below are some words to get students started. Add words and meanings to the glossary as you come across unfamiliar words throughout your research. Consider using pictures and diagrams to illustrate meanings.

reduce	reuse	recycle	compost
waste	landfill	pollution	biodegradable



# **Awareness Challenge – Packaging Audit**

For one week students will keep a diary to document the amount of packaging used in the food they bring to school (recess, lunch and other snacks).

#### Class brainstorm

Before starting this challenge, brainstorm the types of packaging that are used to protect food. Share students' ideas by recording their responses on the classroom whiteboard. For example, cling wrap, zip lock bags, aluminium foil, water bottles, chip packets and other food packaging.

# Audit your waste

On a daily basis, collect and record all the packaging, including the weight. At the end of the week add up how many pieces of food packaging you threw out and the combined weight. Plot your results on a bar graph.

Day	What packaging did you throw away? For example, cling wrap, zip lock bags, drink bottles, aluminium foil,	Number of items	Weight of packaging
Monday			
Tuesday			
Wednesday			
Thursday			
Friday			

# **Analyse your results**

Analyse your results and respond to the following:

- What surprised you about the results?
- Identify the best areas for improvement. How could you reduce the amount of packaging you throw away?
- How much of the packaging is able to be reused, recycled or is biodegradable?



# Reduce your waste

Do your part to make a change and challenge yourself by having a `waste-free lunch' or `nude food' for a day or a week.

- Think of ways that you can avoid or reduce the amount of packaging you use. For example, putting
  food in reusable containers instead of disposable bags, and avoiding pre-packaged food.
- Did you find this challenge difficult? Why or why not? Explain.
- · How has this challenge impacted on your thinking?
- What can you do to take action?
  - Reduce the amount of packaging
  - o Buy food that has little or no packaging (wherever possible)
  - o Buy food in bulk and put into reusable containers
  - Write to food companies asking them to reduce the amount of packaging or change to environmentally friendly packaging.



# **ACTIVITY**

# What happens to food packaging?

Students will investigate the impact food packaging has on the environment. The BtN stories <u>Landfill</u> and <u>Ocean Rubbish</u> give a great snapshot of the journey rubbish takes from the bin to landfill and the ocean and our waterways. Students can investigate the topics in more detail by completing the activities on the story pages.





# The less to landfill challenge

The Wipe Out Waste <u>Less to Landfill Challenge</u> asks students to work as a class to reduce the material they send to landfill each day to one mini wheelie bin (300ml) or less. The challenge gives some great tips about how to send less to landfill.







BBC News – Plastic-wrapped foods withdrawn by Whole Foods http://www.bbc.com/news/business-35727935

Behind the News – Ocean Rubbish http://www.abc.net.au/btn/story/s4301070.htm

Behind the News – Landfill http://www.abc.net.au/btn/story/s3953606.htm

Zero Waste SA - Wipe out Waste http://www.wow.sa.gov.au/

Planet Ark – Environmental Campaigns <a href="http://planetark.org/campaigns/">http://planetark.org/campaigns/</a>



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# **Teacher Resource**

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# Space Effects



# **FOCUS QUESTIONS**

- 1. What was the main point of the *Space Effects* story?
- 2. How long was Scott Kelly in space?
- 3. Where did he live while he was in space?
- 4. What interesting things did Scott take into space?
- 5. What did he like about being back on Earth?
- 6. Describe the NASA research project that he was part of.
- 7. How much taller was Scott when he returned from space? Why was he taller?
- 8. Why do astronauts lose bone and muscle mass in space?
- 9. What do they do to strengthen bones and muscles while they are in space?
- 10. Would you like to spend a year in space? Why or why not?



# **ACTIVITY**

Discuss the BtN *Space Effects* story as a class. What questions were raised in the discussion (what are the gaps in their knowledge)? The following KWLH organiser provides students with a framework to explore their knowledge on this topic and consider what they would like to know and learn.

- Would you want to spend a year in space? Why or why not?
- What do you think the challenges would be?
- What is it like living in microgravity?
- What impact does microgravity have on the human body?
- How would it feel coming back to Earth after being in space for a year?

# **KWLH** organiser

What do I know?	What do I <u>w</u> ant to know?	What have I learnt?	How will I find out?



Students will investigate the effects of microgravity on the human body in space.



#### Science - Year 5

Scientific knowledge is used to solve problems and inform personal and community decisions (ACSHE083)

Science involves testing predictions by gathering data and using evidence to develop explanations of events and phenomena and reflects historical and cultural contributions (ACSHE081)

### Science - Year 7

People use science understanding and skills in their occupations and these have influenced the development of practices in areas of human activity (ACSHE121)





# How the body reacts to life in space

The BtN story explained some of the effects space had on Scott Kelly's body after spending 340 days aboard the International Space Station. Students will investigate in more detail, the effect space has on the human body, why it happens and what can be done to reduce the effects. Ask students to share their research with the class in an interesting way.

What is affected	What happens	Why it happens	What can be done to reduce the effects
Bones			
Muscle			
Cardiovascular system			
The spine			
Inner ear and balance system			
Sleep			
Sense of taste			



# **Experiment: Are people taller in the morning?**

Students will test whether humans are taller when they wake up in the morning than later during the day and night. Conduct the experiment over the period of a week.

Procedure: Students measure and record their height:

- $\circ\quad$  as soon as they get out of bed
- o at midday
- o before they go to bed

Students also record the number of hours of sleep (including bed rest) they got.

What **conclusion** did the students come to about whether we are taller in the morning? What happens to the spine when we sleep? How does it relate to what happens to astronauts in space?



# **ACTIVITY**

# **Scott Kelly's Mission in Space**

Students will investigate in more detail Scott Kelly's year-long mission in space and how he feels about being back on Earth.

- Who is Scott Kelly? Find out some interesting facts about him.
- What did he do on his year-long mission aboard the International Space Station?
- What special research projects was he involved in?
- How did Scott's body feel after returning from space?
- Watch the interview with Scott Kelly. Why does he talk about having `mixed emotions' about returning to Earth?
- How do you think it would feel coming back to Earth after being in space for a year?
- What would you like to ask Scott Kelly? Think of three questions.





# **ACTIVITY**

## **Train like an Astronaut**

Do you have what it takes to become an astronaut? In this activity, students will investigate what some of the physical demands are for astronauts.

Using a range of physical activities students will use the same body parts/systems as astronauts do in training and on missions in space. Choose from a range of these <a href="NASA">NASA</a> <a href="activities">activities</a>, or use the activities we've picked out below.



## Mission 1: Taste in Space

Mission question: Can I compare taste sensations on Earth and in space? In this activity, students will investigate and discover variables that affect their own sense of taste. Check out the <a href="NASA video">NASA video</a> and download the <a href="Taste">Taste in Space handout</a>.

## Mission 2: Agility Astro-course

Mission question: How can you perform a physical activity that will improve your agility, coordination and speed? In this activity, students will complete an agility course as quickly and as accurately as possible to improve agility, coordination and speed. Check out the <a href="NASA video">NASA video</a> and download the Agility Astro-course handout.

#### Mission 3: Jump for the Moon

Mission question: How could you perform a physical activity that would increase bone strength, as well as heart and other muscle endurance? In this activity, students will perform jump training with a rope, both while stationary and moving, to increase bone strength and to improve heart and muscle endurance. Check out the NASA video and download the Jump for the Moon handout.





NASA – One Year Mission http://www.nasa.gov/content/one-year-crew

CBBC Newsround – What are the effects of space travel on the human body? http://www.bbc.co.uk/newsround/22527246

NASA – How astronauts are affected by space exploration http://www.nasa.gov/externalflash/HRP Feature/

National Space and Biomedical Research Institute – The Body in Space <a href="http://nsbri.org/impact/">http://nsbri.org/impact/</a>

Behind the News – Space Suits <a href="http://www.abc.net.au/btn/story/s2857386.htm">http://www.abc.net.au/btn/story/s2857386.htm</a>

Behind the News – Astronaut Ad http://www.abc.net.au/btn/story/s4349704.htm



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# BtN: Episode 06 Transcript 15/03/16

Coming up on Behind the News:

A world-famous tennis player caught cheating, we find out how.

Should mandarins come pre-peeled and packaged?

And we find out why this guy's less-than-desirable face could lead to trouble.

Hi my name is Nathan. Thanks for joining me for BtN.

All that and more coming up soon.

## The Wire

But first let's kick off the show with a look at some of the biggest stories that got people talking this week.

Tens of thousands of documents containing info about people who have joined extremist group Islamic State have been leaked by a former member.

The documents are forms that IS recruits have to fill out in order to be accepted into the organisation.

They contain info like blood type history and names and phone numbers of relatives.

Security experts say the leaks could be a huge help to authorities in the fight against the group.

The world's best teacher has been awarded a million dollar prize.

Hanan al-Hroub a teacher at a refugee camp in Palestine won the Global Teacher Prize for helping kids who have grown up exposed to violence.

Hanan says she'll use the money to help support her students.



They've beaten us at chequers and chess and now computers have outsmarted humans in the world's most complicated board game.

This is "go" - an ancient Chinese game that involves two players moving on a grid. It's really, really complicated.

And this week the world's champion human player took on some software developed by Google in a five game series.

After losing the first three games, Lee Se Dol managed to get a win over his computer opponent!

COMPETITOR: This is why we came here to test Alpha Go to its limits

Go humans!

And finally Melbourne's crazy birdman competition has celebrated its fortieth year!

Competitors raise money for charity by trying to jump as far as possible into the Yarra River.

COMPETITOR: I went for 4 metres which is quite far for me, I usually try to go for a lot less.

This year's winner managed to jump 17 metres!

COMPETITOR: Over the years I think I'm close to 30 thousand dollars for MS.

# **Tennis Doping**

Reporter: Amelia Moseley

INTRO: Okay now to our top story, and one of the world's best tennis players is facing up to 4 years on the sidelines after testing positive to a banned drug at the Australian Open. Maria Sharapova recently admitted to taking it but says she wasn't using it to improve her performance. Let's find out more.

If you're a pro athlete in any sport, there are plenty of things you can do to improve your game. Whether it's taking vitamins every day, eating a very strict diet, using cold temperatures to help your muscles recover, or even just wearing a lucky pair of socks!

REPORTER All these things are considered totally ok for athletes to do, but there are ways of improving performance using chemical substances and that's when things get a lot more complicated.



MARIA SHARAPOVA I made a huge mistake.

Last week, Grand Slam champion tennis player Maria Sharapova announced she'd failed a drug test.

MARIA SHARAPOVA I've let my fans down, I've let the sport down that I've been playing since the age of four that I love so deeply.

She tested positive for Meldonium also known as Mildronate. It's part of a list of substances banned by WADA, the World Anti-Doping Agency. It's the organisation that has the job of keeping sport fair by saying what's ok for athletes to take and what's not. Besides Meldonium, there are heaps of different chemicals on WADA's banned list like Adrafinil, Letrozole, Dehydrochlormethyltestosterone and more than a hundred other very, very long names. Some are steroids, or hormones, others are just medicines that many people use every day.

REPORTER In fact, you can even find some of it in cold and flu tablets. So athletes have to be really careful what they take all the time.

Meldonium, the stuff Sharapova took, isn't exactly an everyday medicine, but the former world number one says she was taking it for her health.

MARIA SHARAPOVA I was getting sick a lot, I was getting the flu every couple of months.

The problem is, like everything else on the banned list, it can also be used as a performance enhancing drug, because it helps the body work harder for longer.

GEOFF SUSSMAN, SPORTS MEDICINE: It helps the red blood cells work a little better. And of course the red blood cells are the blood cells that actually transport oxygen. So if you can get better oxygen to the tissue, this is going to improve endurance and performance.

The funny thing is, some athletes have found legal ways to do the same kind of thing Meldonium can do. World number one tennis player Novak Djokovic lies in this totally weird, space pod, oxygen thing twice a week, and other athletes do altitude training in special low-oxygen rooms. The difference is, these things are completely legal for athletes to do, but Meldonium isn't.

Sharapova says the whole situation was just a mistake because she didn't read emails that said Meldonium had been added to the banned list. But her fellow players are divided on it. Some are pretty annoyed Sharapova was taking a banned drug, whether she meant to or not. Others reckon, it's an easy mistake to make.

CAROLINE WOZNIACKI, TENNIS PLAYER I think, you know, anytime we take any medication we double and triple check because sometimes even things like cough drops, or things like nasal sprays can be on the list.

So if you really want an extra edge as an athlete, it's best to stick closely to the rules, or just rely on those lucky socks.



# Poll

Now as you heard there some people want Maria punished others don't.

But where do you stand?

That question is our poll this week. Let us know what you think on our website.

Now to last week's poll results. We asked you who you would support in the American election - Hillary Clinton or Donald Trump.

And most votes went to Hillary!

Thanks for voting!

# Plastic Packaging

Reporter: Carl Smith

INTRO: Now, a US Supermarket chain has been criticised for selling pre-peeled mandarins in plastic containers. It got a lot of people talking about the amount of unnecessary packaging that covers our fresh food these days. Here's a look at the problem and some kids who've found a way to help.

CARL SMITH, REPORTER: It's something you do every day.

Open up the lunchbox, unwrap your food and throw away the packaging.

But all that waste can really start to add up.

In fact, in just one year the average Aussie throws away 200 kilograms of packaging.

Environment groups say that adds up to almost 2 million tonnes across Australia every single year.

That's one of the reasons why people were outraged when they saw this photo from the US of a peeled mandarin in a plastic container. Many said it was really wasteful given the mandarin's peel was already a natural packaging!

And some even posted their own examples of unnecessary packaging.

After the backlash the company took the mandarins off its shelves and even tried to have a bit of a laugh about it. But many reckon other companies are guilty of the same thing.



So some conservation groups are calling on those food companies to start thinking about the environment, above convenience, and ditch the excess packaging.

JO HENDRIKS, KESAB: I think we've lost our minds and that we really need to think about what we're buying. A lot of the so called convenience food is really light stuff that can easily blow out of our bins or blow around and get washed into the waterways.

And there's a way you can help too.

These schoolkids have made the switch to something called 'nude food'.

KID: Nude food is a food without a wrapper, so you could put it in a reusable container.

KID: All year 5s in our school have been doing the nude food challenge, it's where we have nude food for about 3 days and at the end of the day we go through our rubbish to see how much landfill we produce.

And there a lot of ways these guys have thought of to reduce the amount of packaging they take to school.

KID: A packet of chips, you could put it in a plastic container.

KID: Some fruits, they already have a natural wrapping, so with fruit you can just leave it or if you want to cut it up just put it in a Tupperware container.

They say everyone can help the environment by thinking a bit more about what they buy, and what it's wrapped in.

KID: It's good because it helps the environment

KID: It reduces landfill, so if you keep on putting it in wrappers, all the wrappers will go to landfill which is massive hole in the ground.

KID: It reduces the amount of rubbish that we have, and if that rubbish doesn't get put in the bin it blows around and can end up in the ocean, and some animals like turtles can think it's a jellyfish and eat that and that can be bad for their body.

# Quiz

Okay let's test you with a rubbish quiz now.

What percentage of waste is recycled in Australia each year?

16%

46%

or 86%

The answer is 46%



# #BehindYou

Now some of you might remember our #BehindYou campaign last year.

We held it in the lead up to the National Day of Action Against Bullying and it was all about encouraging you to stand up against bullying wherever you saw it.

And we got heaps of pledges sent in just like this.

This year we're continuing the campaign but we need your help! We know there isn't just one way to put a stop to bullying. So we'd like you to help give the whole country some inspiration.

Film a short video sharing with us the ways that your school is helping to stamp out bullying. And we'll play the best ones in next week's show!

Just head to our website for all the details and to upload your video.

# **Space Effects**

Reporter: Matthew Holbrook

INTRO: NASA astronaut Scott Kelly is now getting used to life on Earth again after spending 340 days aboard the International Space Station. But it's how his body adapts to life back on Earth that scientists are really interested in now. Why? Well they're going to use their findings to help prepare future astronauts for missions to Mars.

MATT HOLBROOK, REPORTER: A lot can change in a year. We got a new Prime Minister, found out what Pluto actually looks like, and Justin Bieber became cool again. And this guy had to learn about it all from way up here.

This is astronaut Scott Kelly. He's 52 years old, likes Star Wars, Halloween masks, and dressing up as a gorilla. He also takes the kind of photos that make Instagrammers really, really jealous. But after a year of seeing and doing some incredible things aboard the International Space Station, he's now safely back on Earth, and. says it's all a bit of an adjustment!

SCOTT KELLY: The cold air was amazing the fresh air. I don't mean to say the air isn't fresh on the space station but there's nothing like new cold air coming into the capsule.

But it's not just about getting used to fresh air, swimming pools, and gravity again. A year in space has had some pretty serious effects on his body.

Those effects have been the focus of a unique NASA experiment. See, Scott just happens to have an identical twin who used to be an astronaut, too. He's been going through tests here on earth while his brother's been up in space. And by comparing the two, scientists can get a really good idea of how Scott's been affected by his time in zero gravity. That could be really important for longer space missions in the future, like trips to Mars.



So what's changed? Well, for starters, when he landed Scott was about five centimetres taller than when he left. That's because in space, there's no gravity pulling on the human body so his spine stretched out.

MATT HOLBROOK, REPORTER: That's something you can test yourself. When you sleep, there's less compression on your spine. So when you wake up, you're a little bit taller. It's not permanent, though. As the day goes on you slowly shrink back to your normal height.

But NASA wants to know more about Scott than just how tall he got. They're planning to look at how fluids have moved inside his body, how his immune system is doing, and if he lost much bone and muscle mass. That last one is a biggie. With no gravity, the body doesn't have to work as hard to move around. That means bones and muscles can seriously weaken, especially in the lower body. So astronauts have to spend around 2.5 hours a day doing exercises like running and weightlifting, to look after themselves.

But the long term effects of living in zero gravity still aren't known. The tests will go on for months yet, and getting the full results might take up to six years. But NASA says they could be really important in planning future missions into deep space. Meanwhile, Scott says he hasn't given up on going back to space, and hopefully sharing a few more experiences like this one.

# **Ugly Animals**

Reporter: Carl Smith

INTRO: On the news we often hear about animals that are endangered or facing extinction. But have you noticed how most of those animals are cute ones? What about the not-so-cute animals? Well a study has found that ugly animals are struggling to get the same attention and therefore funding as their attractive counterparts.

CARL SMITH, REPORTER: It's like something from a nightmare.

A gargoyle face, a crumbling nose, fleshy wings and a loud, high-pitched squeak!

This is the orange leaf-nosed bat!

And it's probably not going to win a beauty contest anytime soon.

But Aussie researchers say this endangered mammal, and many others like it, deserve a lot more attention than they're getting.

A new study has found a lot of Aussie animals are missing out on funding and research, because, well, they're just not pretty enough. The study looked at 331 Australian mammal species and put them into three categories: the good, the bad and the ugly.

We all know the good ones - the cute animals that Aussies tend to love. Creatures like kangaroos, koalas and echidnas.



The bad ones are often pests, mammals that researchers keep a close eye on to make sure they don't hurt the good ones! They include cats, rabbits and foxes.

And then there's the ugly. They're the animals that often come out at night and we normally don't pay much attention to them. Creatures like bats, rats and flying foxes.

REPORTER: The blobfish didn't pop up in the study because the researchers didn't focus on fish, but if it did, I'm pretty sure it'd fall into the ugly category. Because, well yuck. But ugly animals, including poor blobby here, are actually pretty important.

Researchers say 'ugly' mammals actually make up 45 percent of all our native Australian mammals.

But despite a lot of them being in danger of becoming extinct they get far less attention. Even if they aren't so pretty losing a native species is always going to be a big problem, because every animal plays an important role in our ecosystem. For example, small bats can eat up to one thousand mosquitoes an hour.

So fewer bats could mean more mozzies!

The researchers behind this study reckon the country's ugly animals deserve just as much attention as the cute and cuddly ones. And if no one's willing to fund the research on these guys they say maybe you could help balance things out by helping as a citizen scientist! They're regular people who help keep tabs on the animals living around them.

So if you're willing to brave this terror, lurking in the dark.

Well then I guess you're actually just helping out an important native species!

And up close you might discover even the so-called ugly ones can actually be pretty cute!

# Quiz 2

Okay that brings us to another quiz question.

How many critically endangered species are there in Australia?

5

25

65

The answer is 65.

# The Score

Right it's sport time now.



Here's some of the biggest moments from this week.

The Matildas have arrived home after qualifying for the Rio Olympics!

They drew with China 1 all in their final game putting them on top of their qualification pool in Asia.

The World Surfing League season started this weekend as the best of the best took to the waves of the Gold Coast.

But it was a little known Aussie who stole the show!

Wild card entry Stu Kennedy caused a huge upset knocking out 11 time world champ Kelly Slater in the second round.

STU KENNEDY: I just psyched myself up with some hard music before it and stuck to my game plan which seemed to work.

Stu was stoked with the win but joked that he may have upset his boss as Slater owns the company that he works for.

Now to a bit of a trick shot countdown.

And first in Norway some soccer players got ready for the start of their season by practicing a few simple kicks.

The catch? They had to make the shot from a 74 metre-high building into the empty stadium.

It made things a little bit difficult for the players on the ground but on attempt 44 success!

Now to the UK.

Check out this kid's backyard hat trick - three of his soccer balls kicked into a basketball hoop in a row.

Pretty impressive.

And to wrap us up today, it's not exactly a trick shot but this fox was pretty tricky all the same.



A golfer in Ireland thought he'd get a cute photo as a fox came up to his bag right up until the fox pinched his wallet and made a quick escape.

Luckily the fox dropped the wallet and the golfer decided not to press charges.

# Young Racer

Reporter: Amelia Moseley

INTRO: Finally today, he might be years off getting his car licence but 13-year old Ardie is already a natural behind the wheel. He's been racing since he was only a few years old and now that he's 13 he's ready for his biggest event yet the Australian Junior Speedway Championships. How'd he do? Take a look.

AMELIA MOSELEY, REPORTER: He's fast, he's furious and he's only 13 years old? But Ardie's already on track to becoming a Speedway superstar!

ARDIE: This season I've been doing really good. I've been winning most of my races. Yeah, it's real good.

Unlike your average car race, Speedway involves a lot of dirt and controlling a car at high speed on this track isn't easy. So Ardie jumps at every opportunity to go for a spin at his Grandma and Grandpa's.

ARDIE'S GRANDMA: We've got all the equipment, safety gear, everything's yeah he's locked in there and strapped in and I think he'd be a lot safer than a lot of people out on the road.

His Grandpa helped him build the car from spare parts. He says his grandson has felt the need for speed since he was little!

ARDIE'S GRANDPA: When he was a young baby, we put him in an electric car. He used to drive around the yard, he was really good at it. I couldn't believe how good he was at it. So then we put him in a go-kart and he was doing really well with that around the yard.

Now Ardie's getting into gear for the Australian Junior Speedway Championship in Tasmania. There are a few different junior divisions and this young speed demon is at the top of the points table in all of them!

ARDIE: Does the fan belt look ok from here?

ARDIE'S GRANDPA: Yeah, it looks ok. Just push on it again. Yeah, that's good.

ARDIE: Ok

ARDIE'S GRANDPA: So how do you think you'll go in Tasmania?



ARDIE: Yeah it should be good.

ARDIE There's an Australian title there, so that's out of all of Australia, every driver. Whoever goes down there, I'm going against and hopefully I can win it. I don't know if I can, cause there are a lot of good drivers out there though.

Finally, it's race day at Tasmania's Carrick Speedway. With plenty of eyes on the track, Ardie's ready to roll! Driving at speeds of 90 kays an hour accidents do happen. Luckily no one's hurt, and for Ardie it's smooth sailing to the finish line and through to the finals! Before he can race again, it's time for safety checks.

ARDIE If we didn't do the tyre pressures, the tyre pressure could go right down and then the tyre would roll off the rim and I'd roll over.

And then, the final race! This time Ardie's really put to the test when this happens.

ARDIE Just a bit of a mistake, I went into the corner a bit too fast, locked up the breaks and slid into him. What do you do, aye?

In the end, Ardie came second!

Making him the second fastest junior speedway racer in the country! But Ardie's already thinking ahead.

ARDIE: Did the best I could in the 3-cylinder. Next year, I'll be in the 4-cylinder hopefully and going a bit harder!

So if this speedracer gets his way, there'll be even more trophies to come!

# **CLOSER**

And that's us done for today!

For more info on anything you've seen including our #behindyou video challenge, please head to our website.

We'd love to see the inspiring things your school is doing to stamp out bullying.

Right that's it from me see you next week!

